

FIG. 1

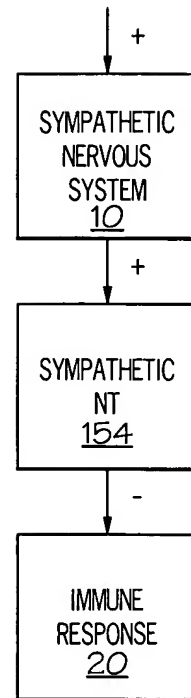


FIG. 3

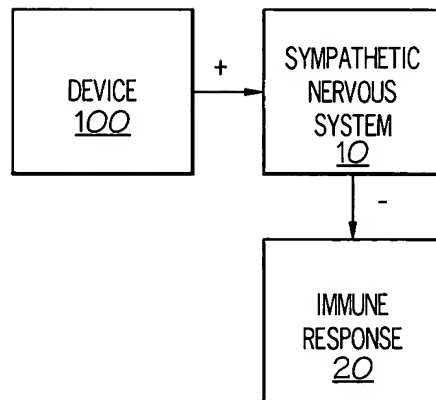


FIG. 4

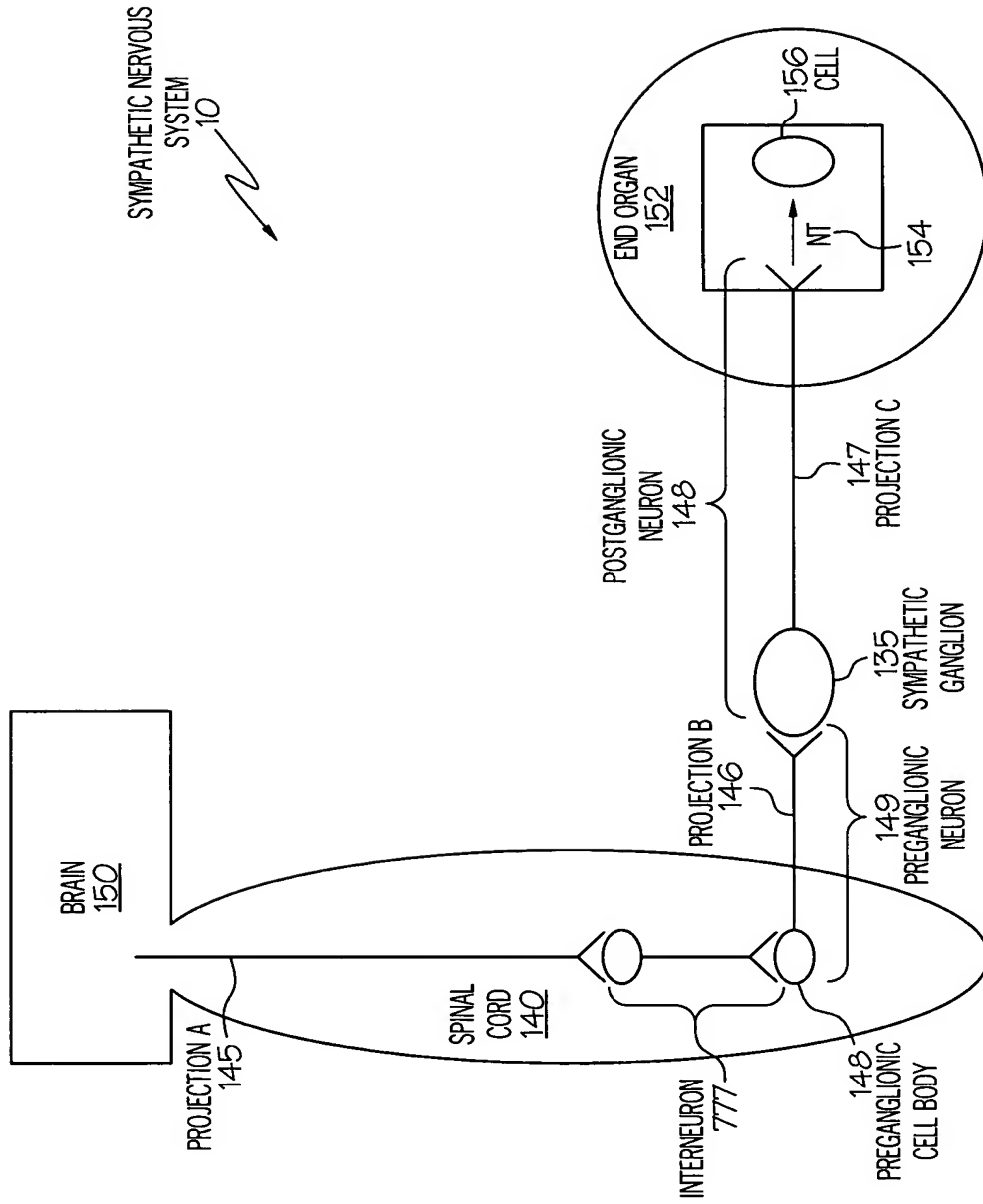


FIG. 2

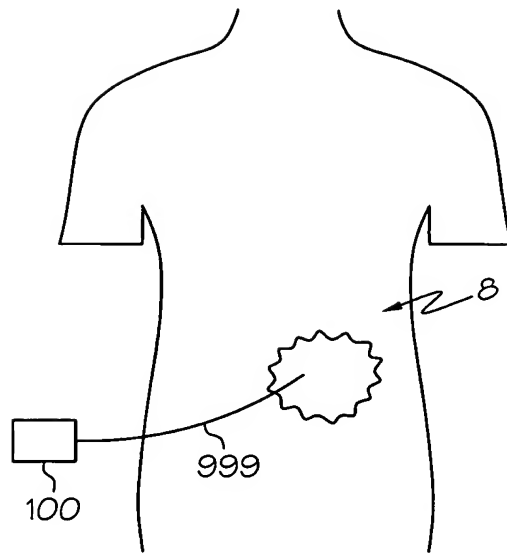


FIG. 5A

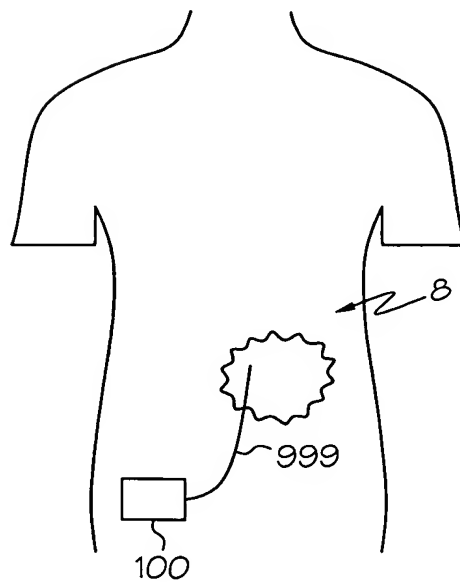


FIG. 5B

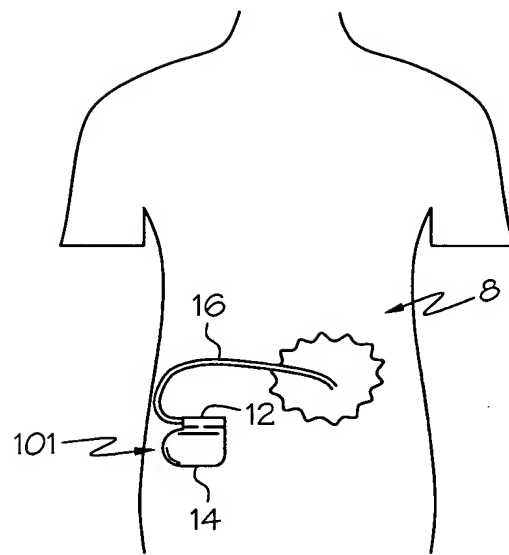


FIG. 6A

IMPLANT SYSTEM COMPONENTS

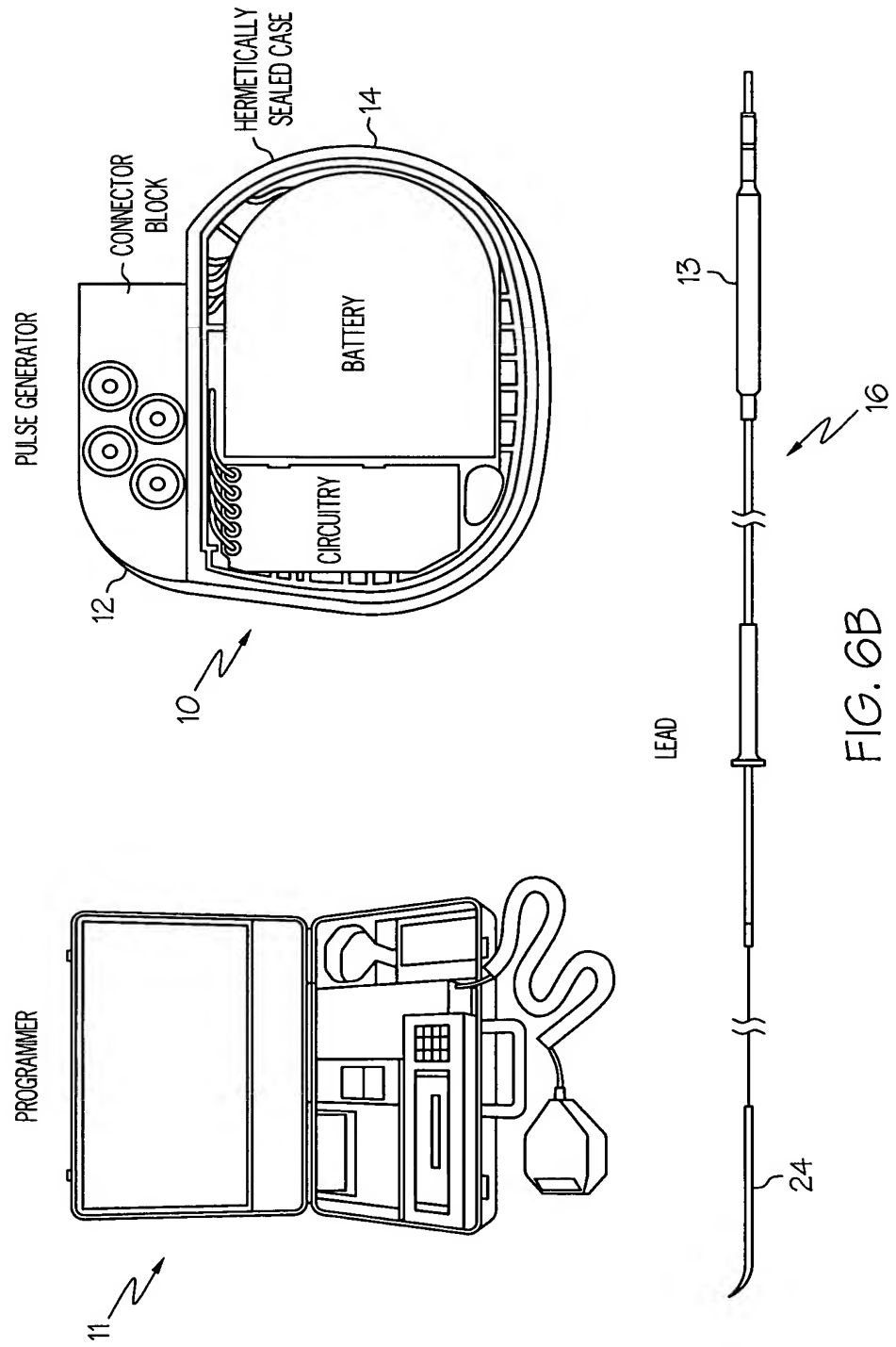


FIG. 6B

IMPLANT HARDWARE

IMPLANTABLE NEUROSTIMULATOR:	
MEDTRONIC ITREL3 (MODEL 7425G)	
NEUROMUSCULAR LEADS (2):	
MEDTRONIC MODEL 4351	
STIMULATION PARAMETERS	
AMPLITUDE:	5 milliamps
PULSE WIDTH	330 $\mu$ sec
RATE	14Hz
CYCLE ON TIME:	0.1 sec
CYCLE OFF TIME:	5.0 sec

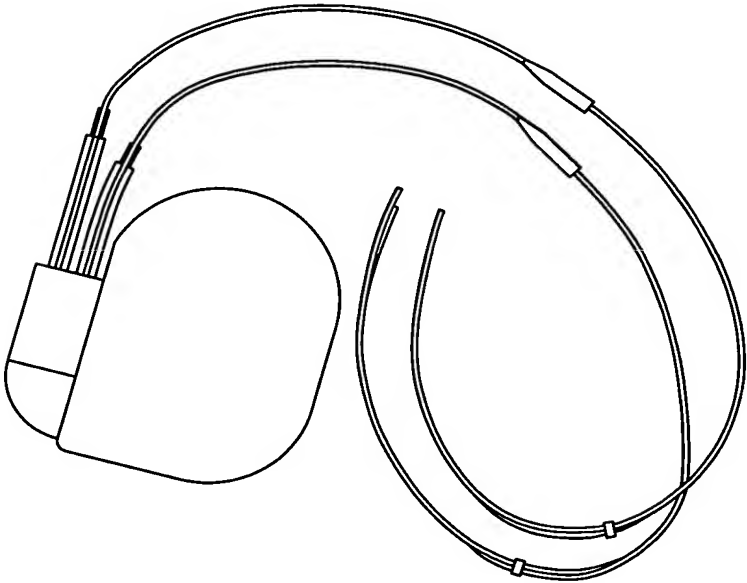
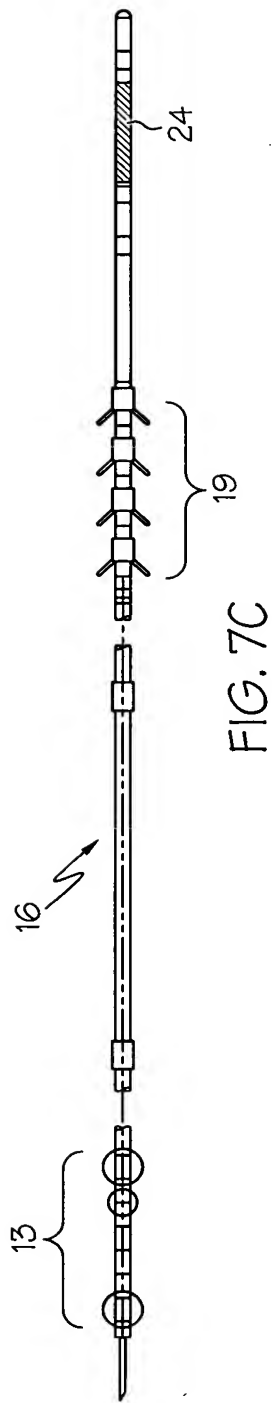
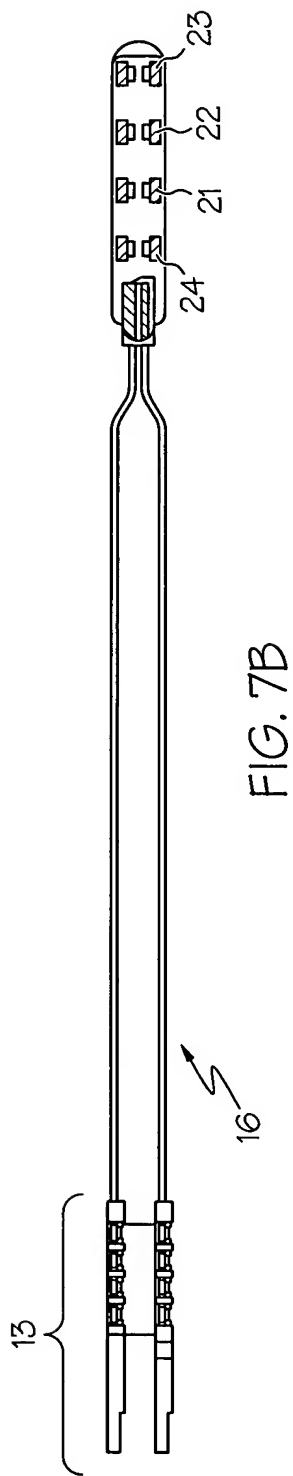
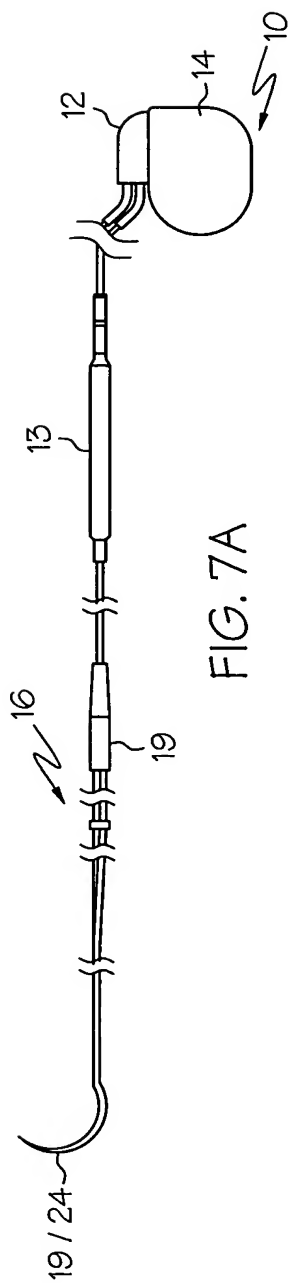


FIG. 6C



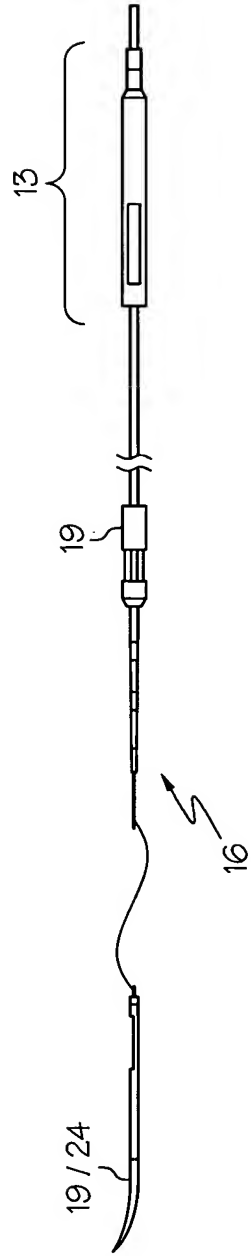


FIG. 7D

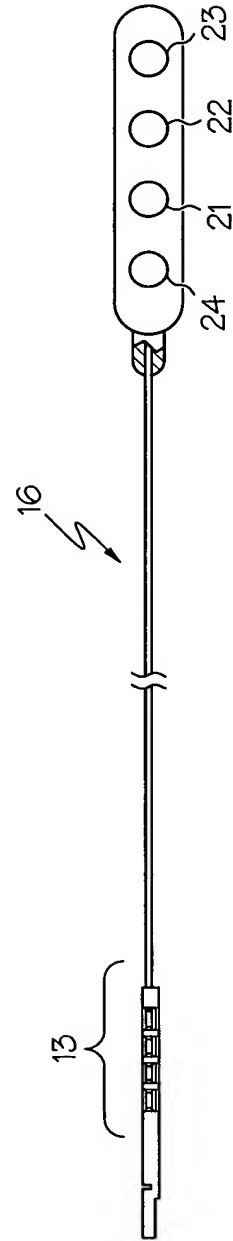


FIG. 7E



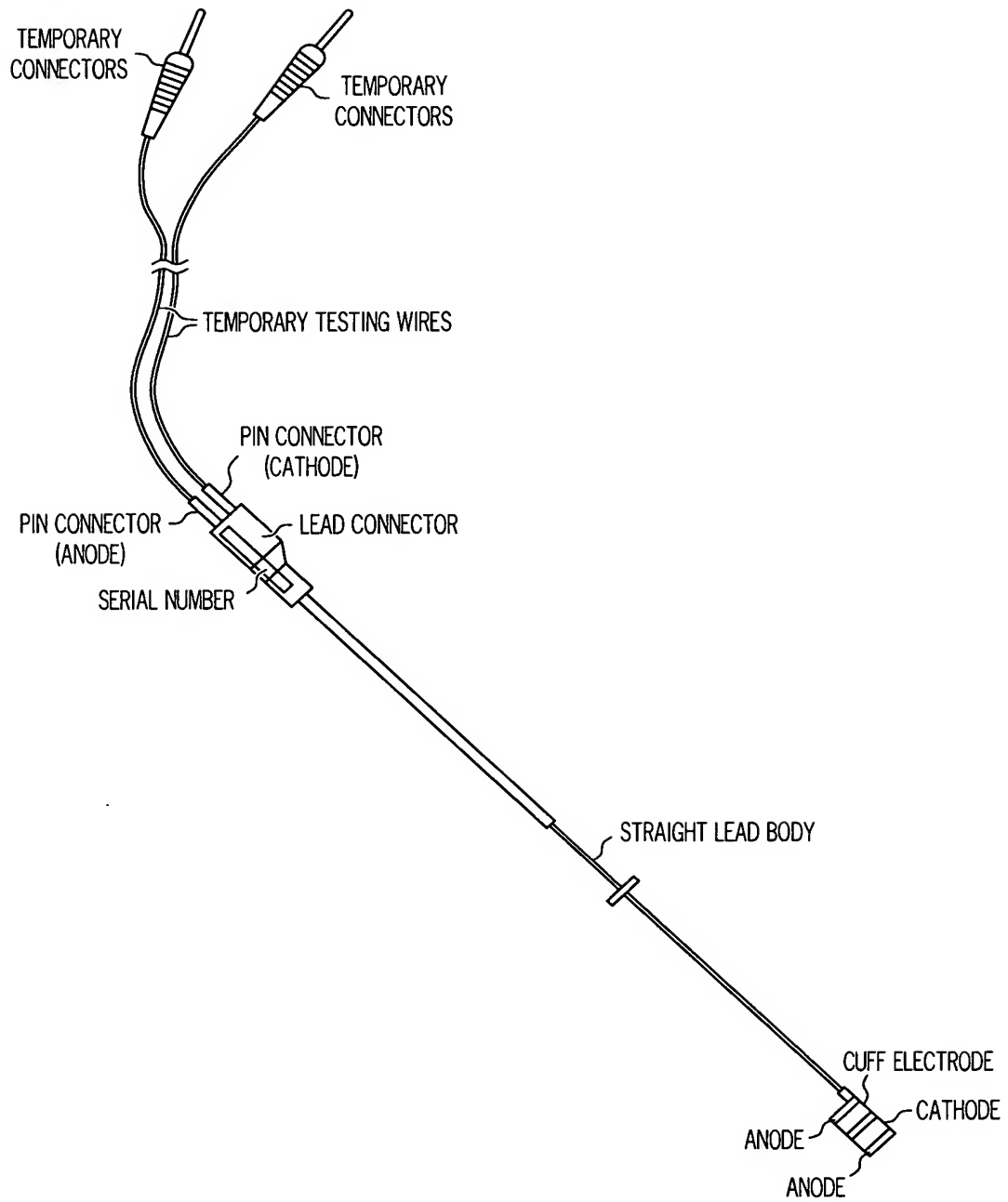


FIG. 7F

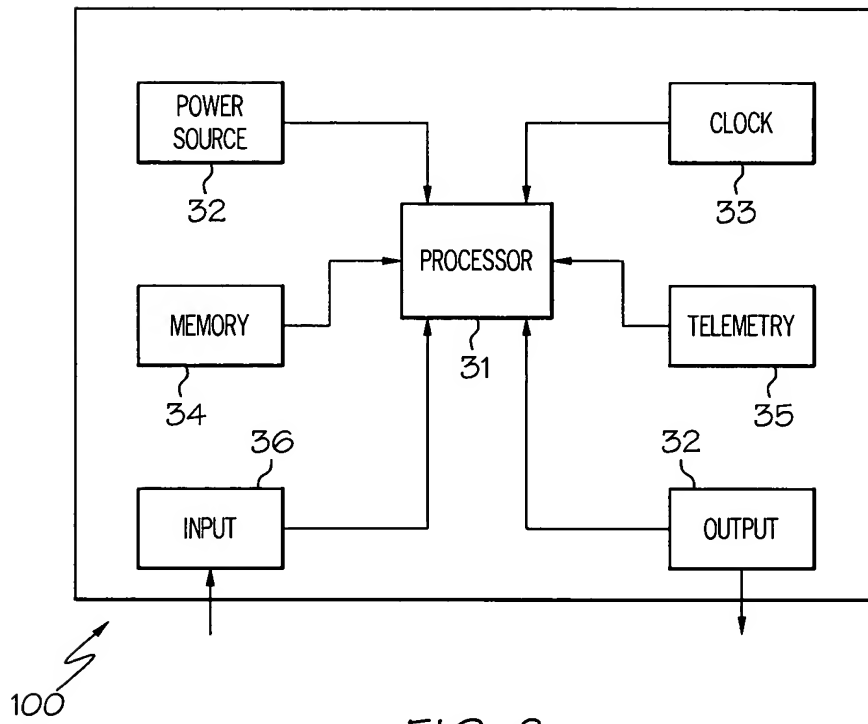


FIG. 8

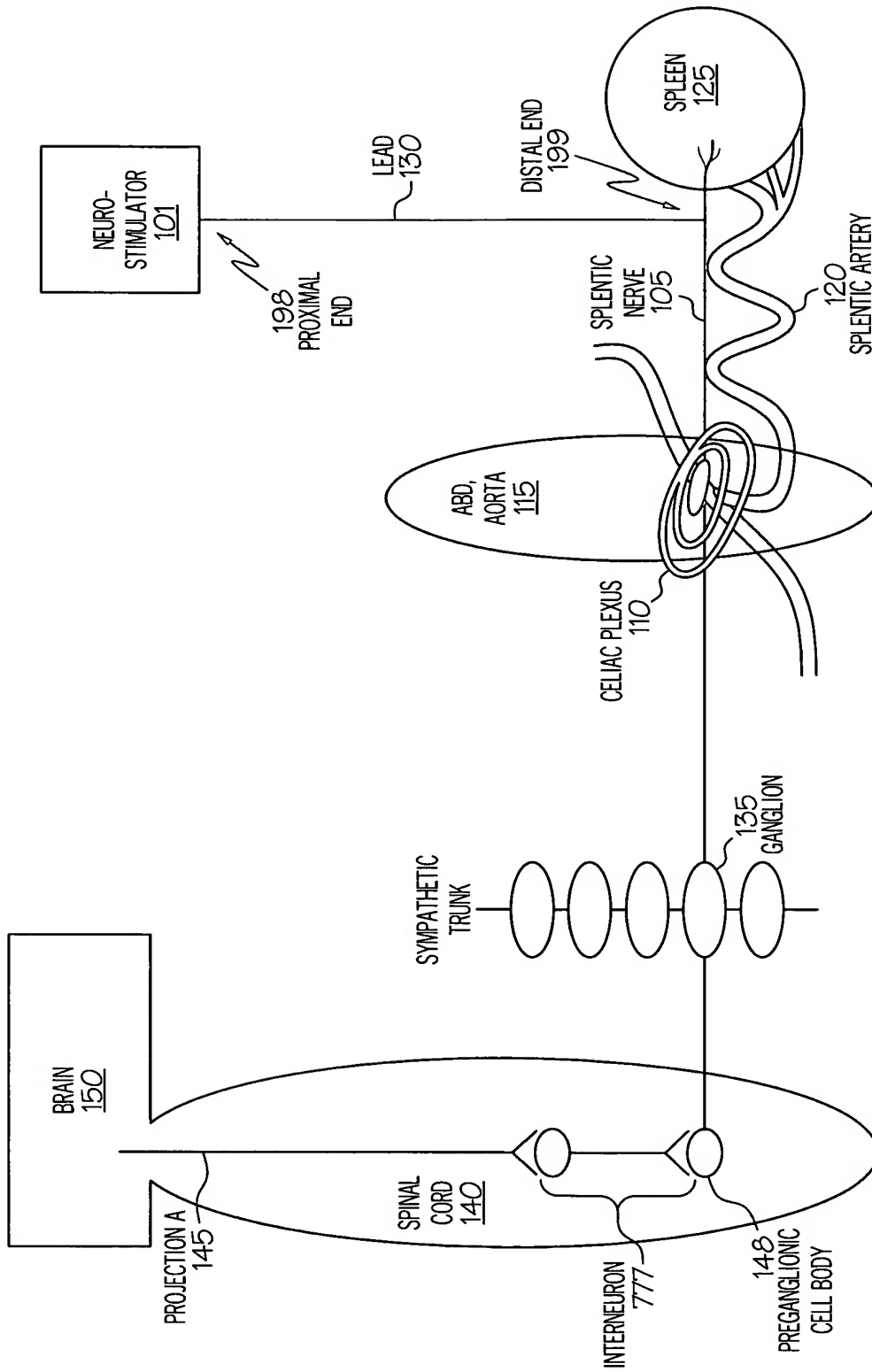


FIG. 9

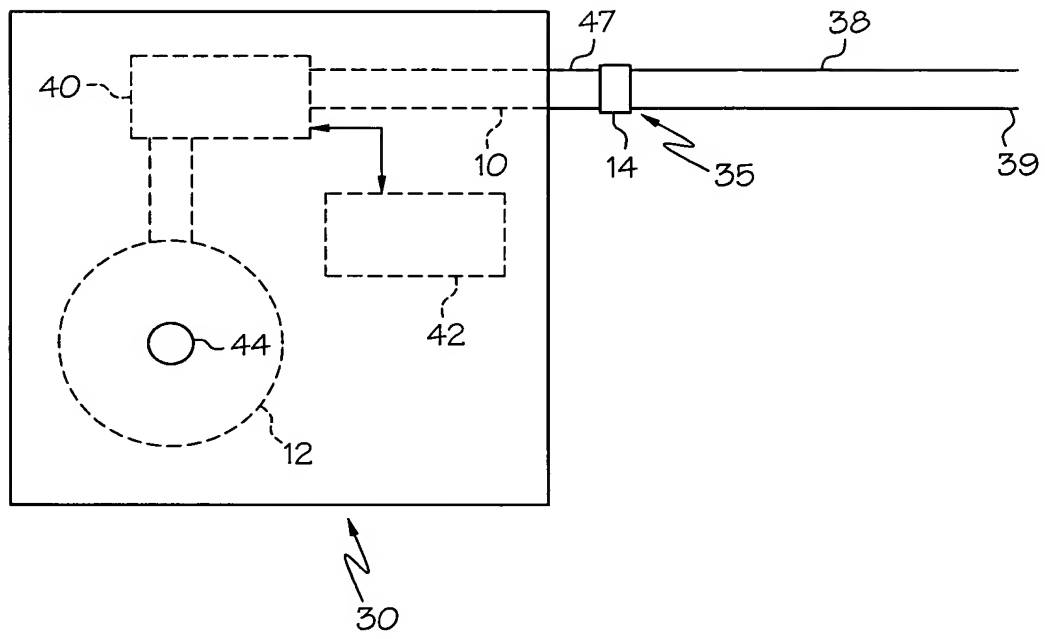


FIG. 10

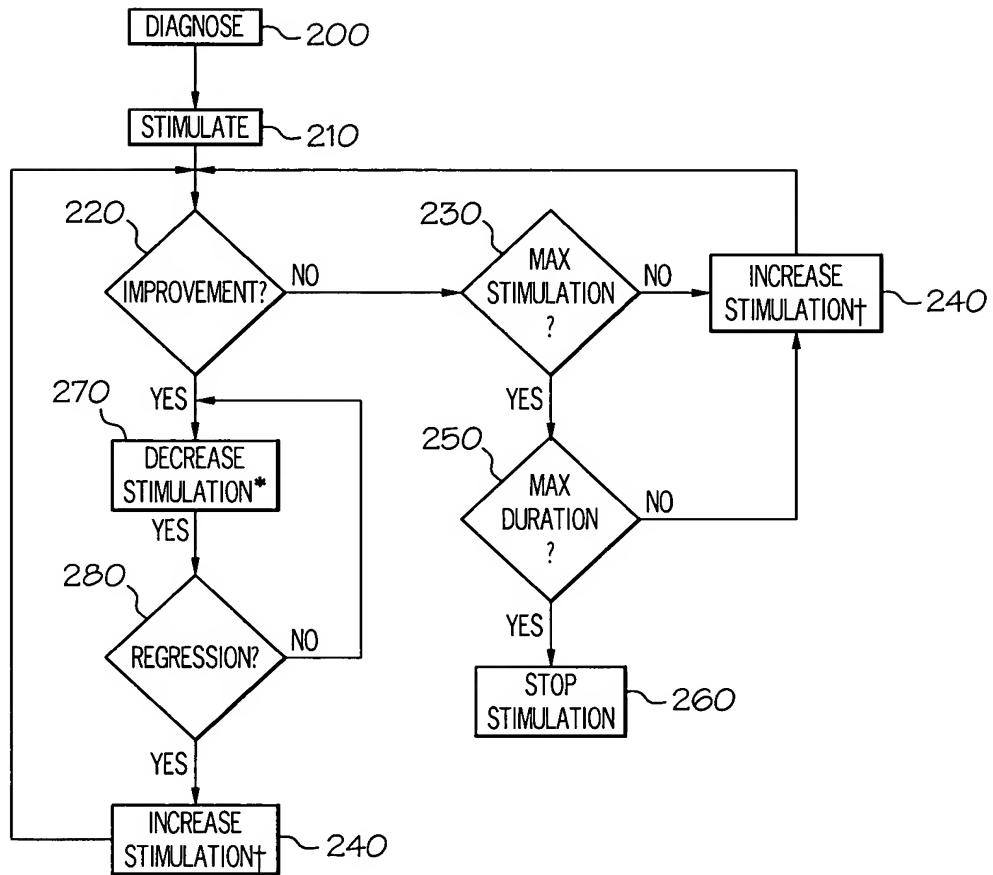


FIG. 11

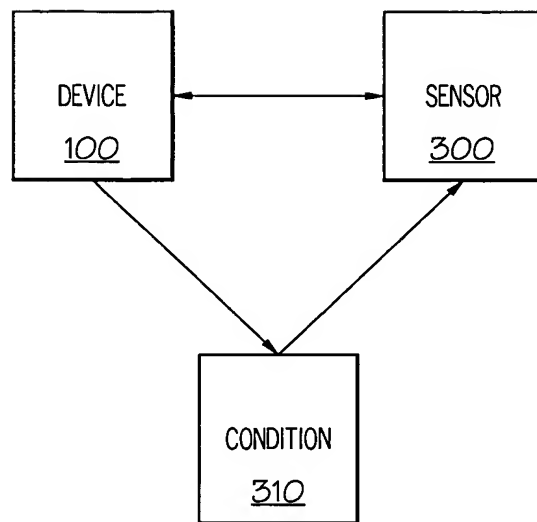


FIG. 12

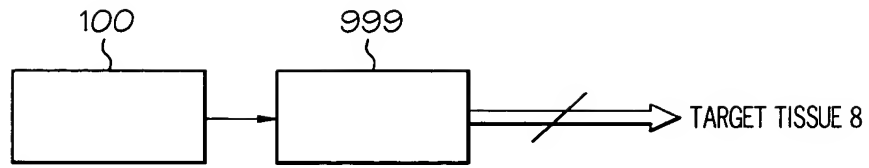


FIG. 13A

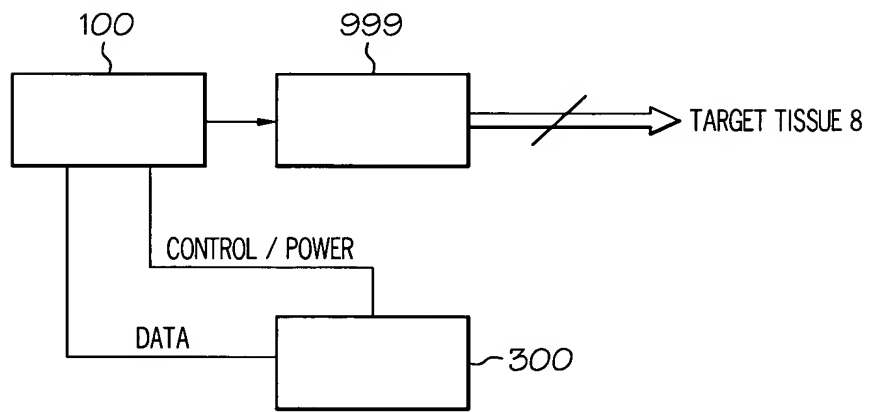


FIG. 13B

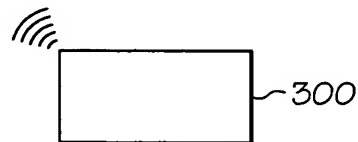
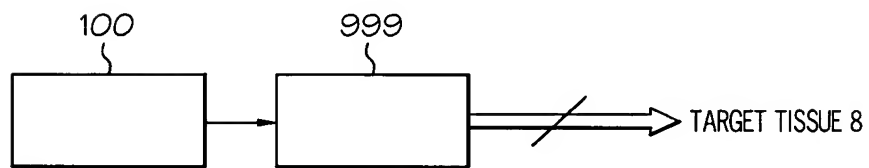


FIG. 13C

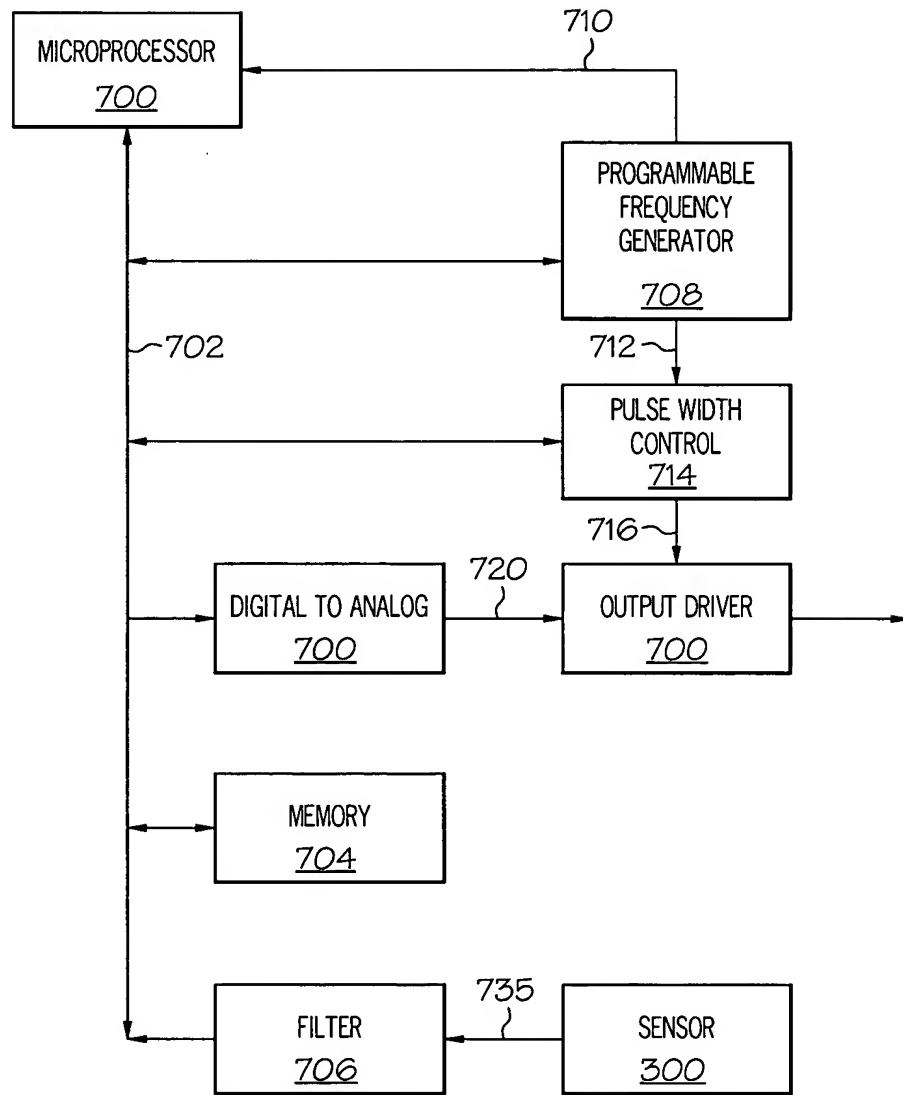


FIG. 14



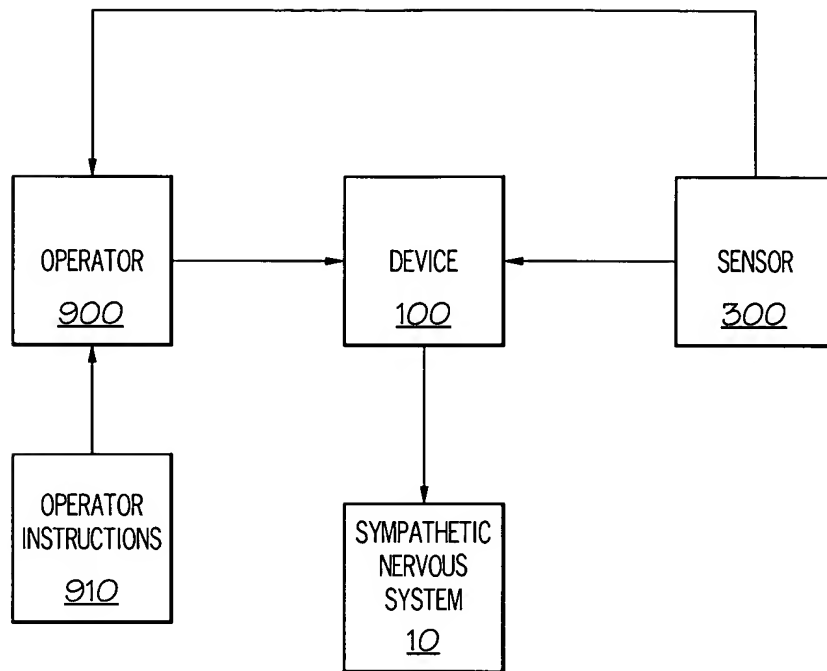


FIG. 15

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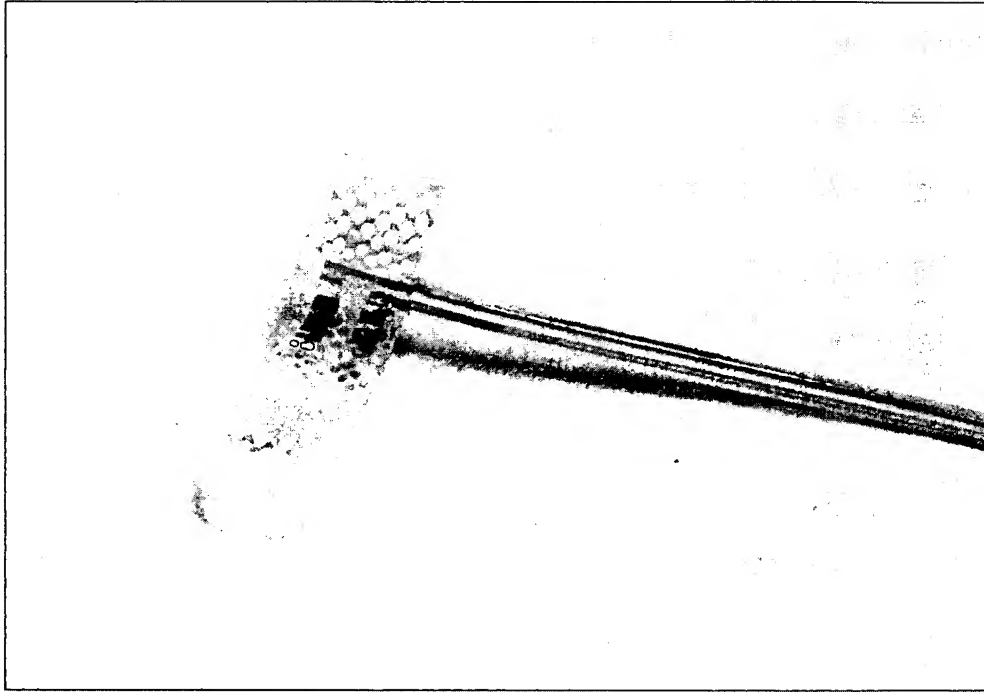


FIG. 16A

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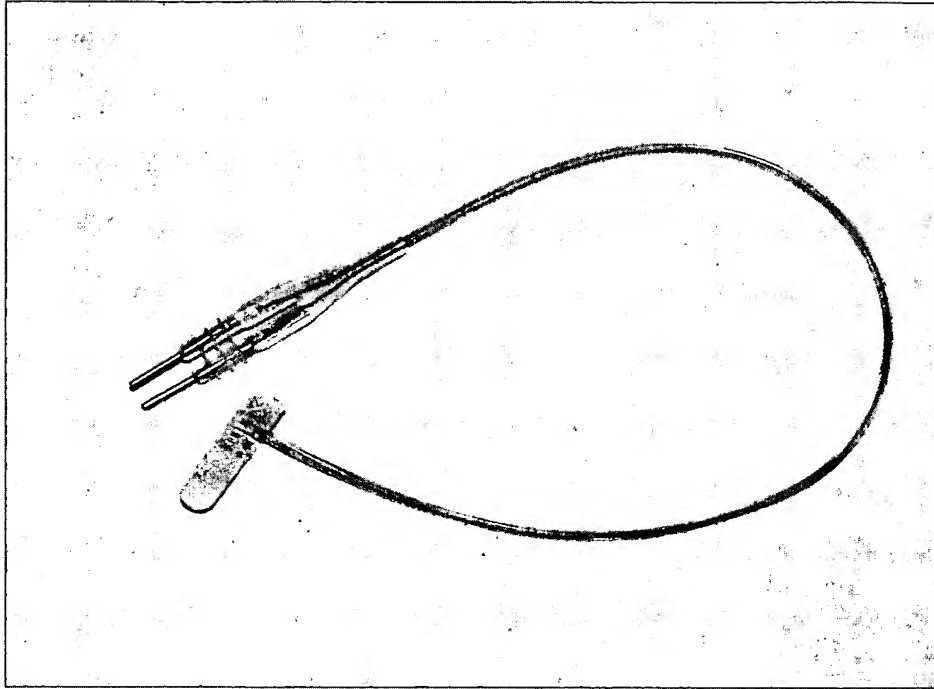


FIG. 16B

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FIG. 17A

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FIG. 17B

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FIG. 17C

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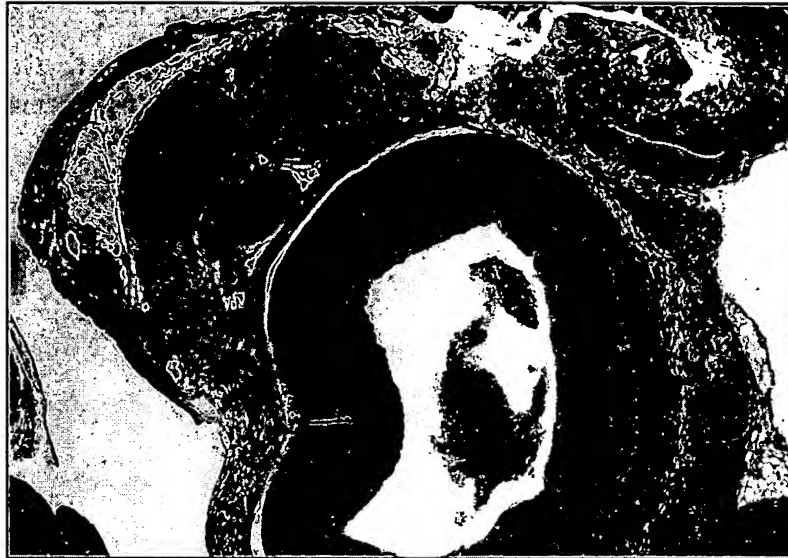


FIG. 17D

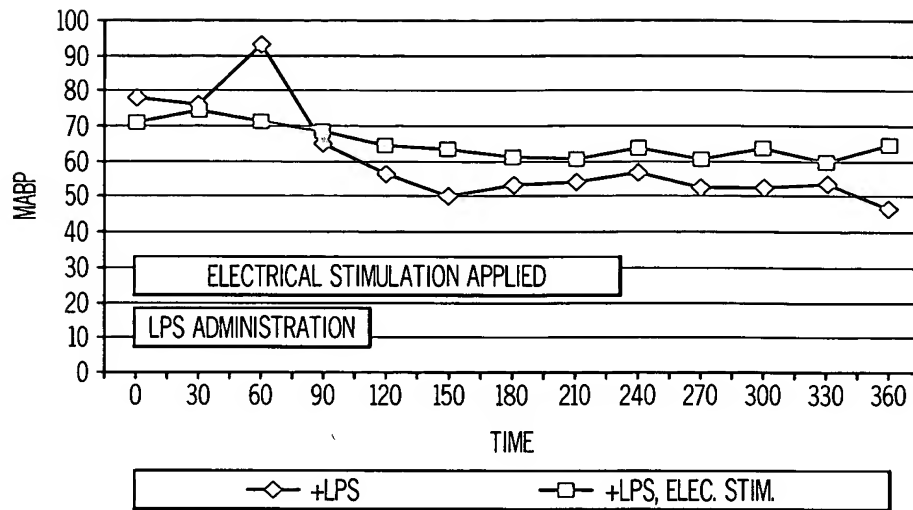


FIG. 18

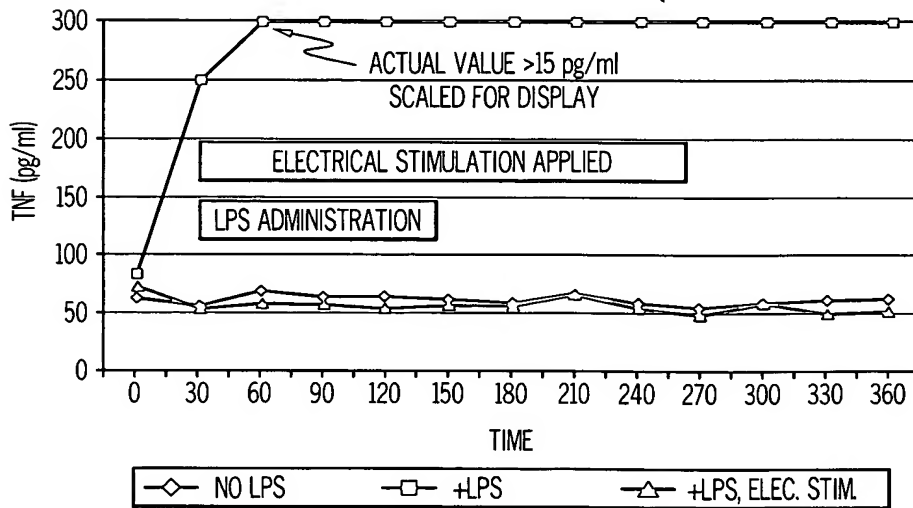


FIG. 19A



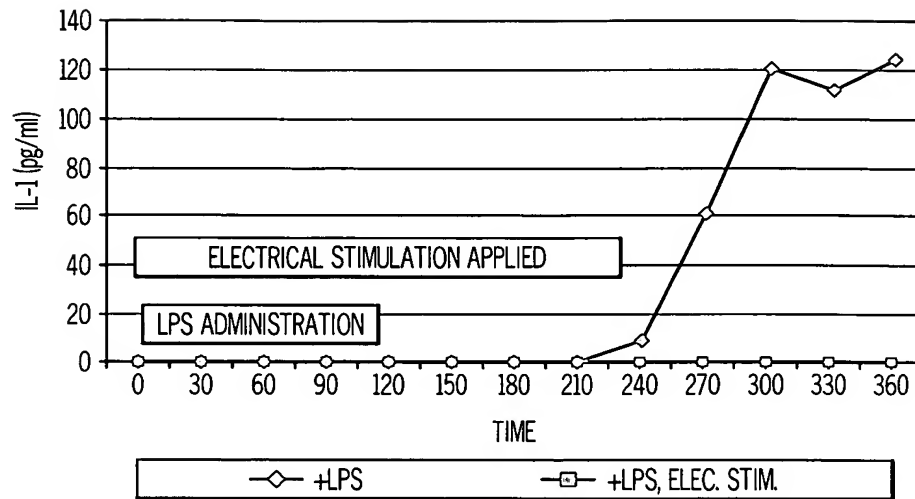


FIG. 19B

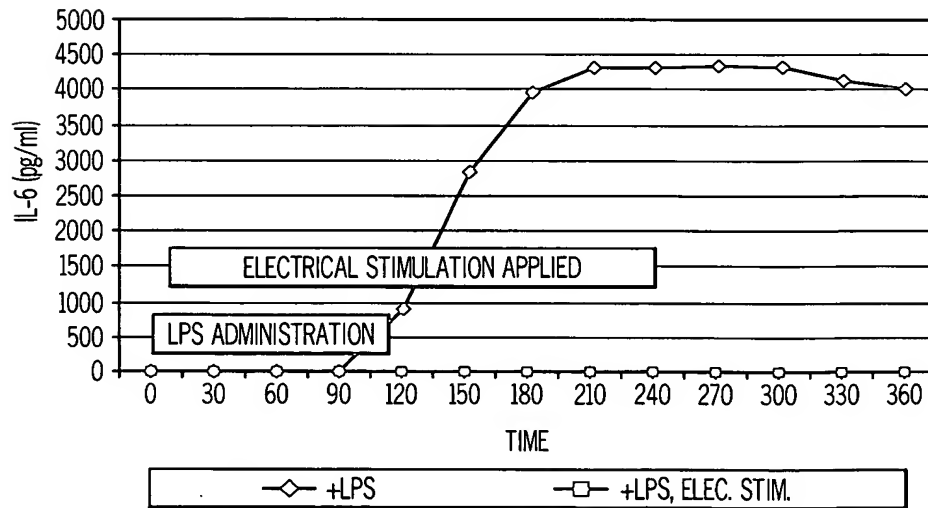


FIG. 19C

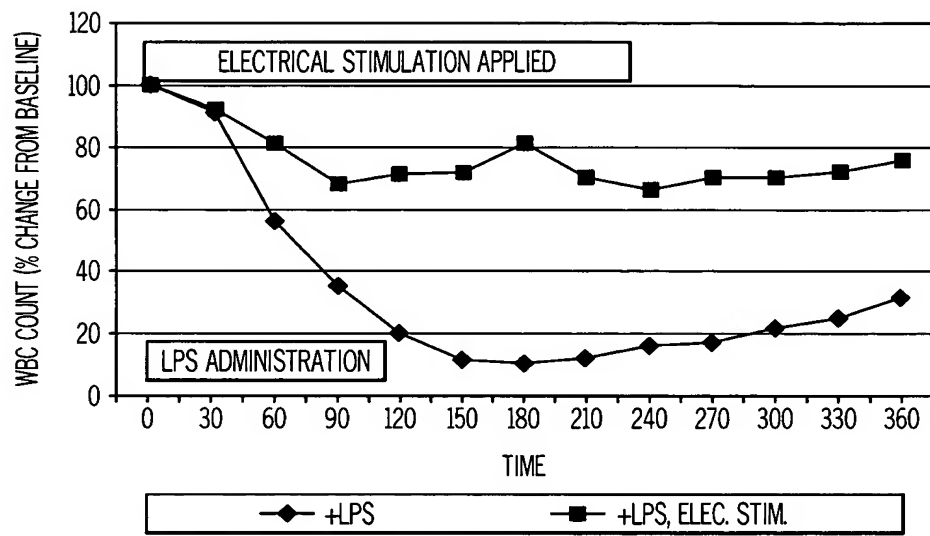


FIG. 20